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Apr 3, 2003

DERWENT-ACC-NO: 2003-692087

DERWENT-WEEK: 200366

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TITLE: Anti-stress agent for use in health food for reducing stress and for improving allergic conditions, comprises pine bark extract

PATENT-ASSIGNEE:

ASSIGNEE

CODE

TOYO SHINYAKU KK

TOSHN

PRIORITY-DATA: 2001JP-0288170 (September 21, 2001)

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PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC



JP 2003095964 A

April 3, 2003

005

A61K035/78

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP2003095964A

September 21, 2001

2001JP-0288170

INT-CL (IPC): A23 L 1/30; A61 K 31/353; A61 K 31/765; A61 K 35/78; A61 P 25/18

ABSTRACTED-PUB-NO: JP2003095964A

BASIC-ABSTRACT:

NOVELTY - An anti-stress agent comprising pine bark extract, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a health food containing the extract agent.

ACTIVITY - Tranquilizer; Antiallergic; Cytostatic; Cerebroprotective; Dermatological.

6-week-old SD male rats were divided into two groups (9 animals each). The test group received the pine bark extract, and the control group received water. After 14 days, stress was artificially induced in rats by xiphoid process. After 7 hours the stomach was extracted and the extent of hemorrhagic mucous membrane damage produced in the stomach gland was measured. The stress suppression percentage of each group was evaluated. The result showed that the pine tree extract was effective in preventing gastric ulcer by stress when compared to the control.

MECHANISM OF ACTION - None given.

USE - The extract is useful as a health food for reducing stress and for treating allergic conditions such as arthritis, atopic dermatitis, hay fever. The extract is also useful for preventing or treating other conditions including cancer and cerebral thrombosis.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: ANTI STRESS AGENT HEALTH FOOD REDUCE STRESS IMPROVE ALLERGIC CONDITION  
COMPRISE PINE BARK EXTRACT

DERWENT-CLASS: B04 D13

CPI-CODES: B04-A08C1; B04-A09G; B04-A10H; B06-A01; B14-C09; B14-J01B4; B14-N16;  
B14-N17C; D03-H01T;

CHEMICAL-CODES:

Chemical Indexing M2 \*01\*

Fragmentation Code

D013 D023 D120 G015 G100 H4 H405 H421 H444 H8

M1 M113 M280 M320 M412 M423 M511 M520 M531 M540

M781 M904 M905 P421 P431 P633 P813 P943 Q211 Q233

Specific Compounds

04686K 04686T 04686U

Chemical Indexing M1 \*02\*

Fragmentation Code

D011 D013 D021 D023 D030 D240 G015 G019 G100 H4

H405 H422 H444 H8 M1 M113 M119 M280 M320 M412

M423 M511 M520 M532 M540 M781 M904 M905 P421 P431

P633 P813 P943 Q211 Q233

Ring Index

57733

Specific Compounds

A0CWKK A0CWKT A0CWKU

Chemical Indexing M1 \*03\*

Fragmentation Code

M417 M423 M781 M905 P421 P431 P633 P813 P943 Q211

Q233

Specific Compounds

A00GTK A00GTT A00GTU

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2003-190241

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